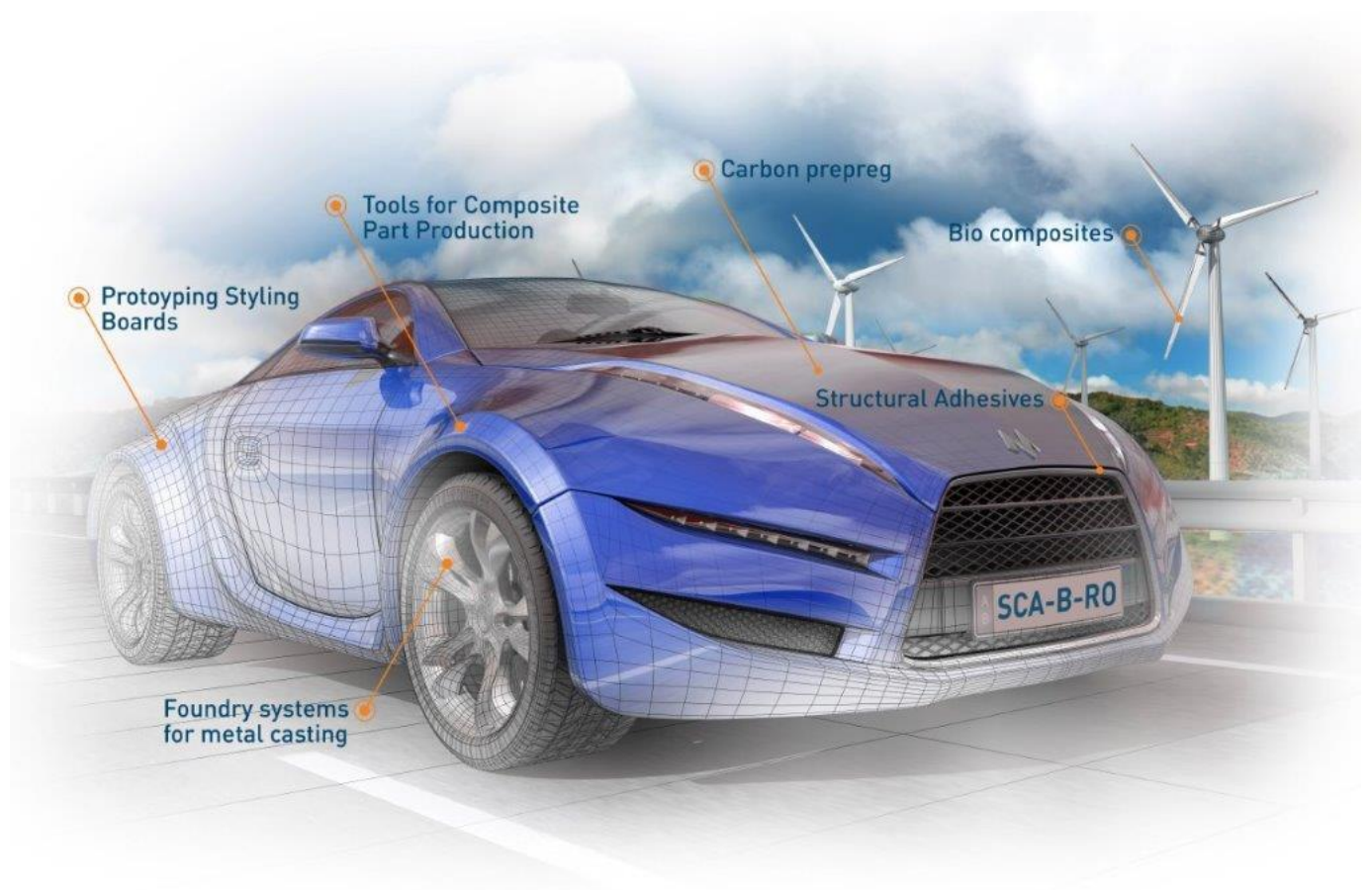




INSTRUCTION MANUAL

MTI-slang

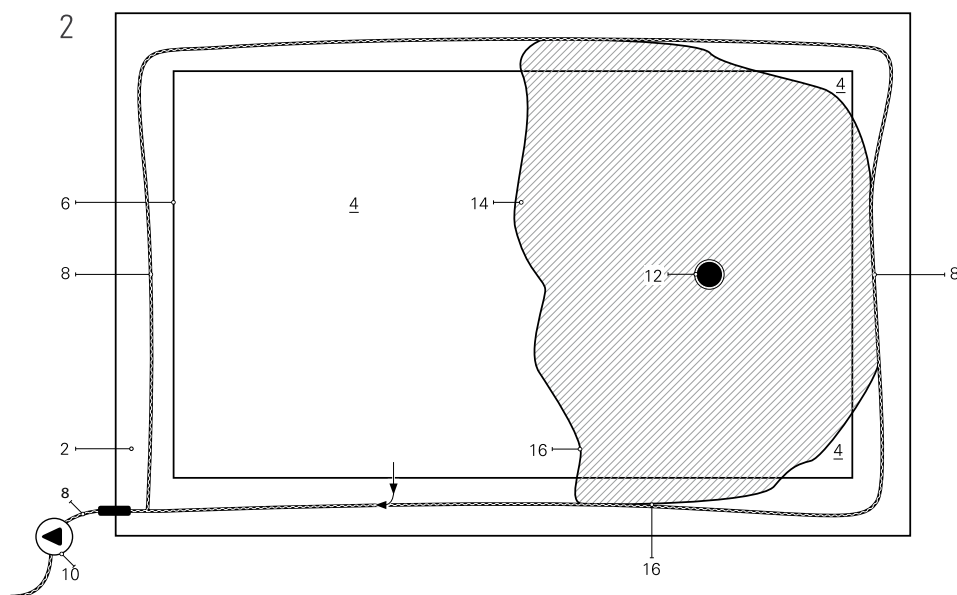


MALLENBOUW | COMPOSITEN | LIJMEN

MTI hose Instruction manual

THE MTI HOSE CAN BE UTILIZED FOR ANY PROCESS SPIRAL TUBES OR ANY OTHER MEDIA FOR EVACUATION HAS BEEN APPLIED SO FAR.

The MTI hose is placed around the mold lip like an annular piping. The barrier effect of the membrane avoids that resin could enter the evacuation hose. The resin allocation can be arranged independently from the MTI hose, so it is possible to manufacture complex fiber parts by vacuum infusion. By means of using the MTI hose you minimize the reject rate compared to conventional production techniques. For sealing the tube endings or connecting of two MTI hose on a mold, please use conventional vacuum sealing tape. Please attend especially to the fact that the spiral tube within the MTI hose is not interrupted and directly connected to the vacuum connection line. The bigger the part of mold is, the less is the time of generating the vacuum. For evacuation of small parts of mold the time of generating the vacuum increases.



- | | |
|-----------------------|-----------------------------------|
| 2 Mold | 4 Dry fiber materials |
| 6 Mold lip | 8 Exhaust line |
| 10 Vacuum pump | 12 Operational discharge of resin |
| 14 Impregnated fabric | 16 Matrix flow front |



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